



air-only



water heater



electric wire heater



BASIC FEATURES

- Lengths: 1; 1.5; 2 and 2.5 m
- **Air flow up to 5090 m³/h** (ISO 27 327-1)
- Very low noise level
- *FACE 2 in 1* – suction grille + filter = 2 in 1
- Universal interface for AirGENIO control module connection (BASIC, COMFORT and SUPERIOR)
- Easy installation and service
- Standard colour RAL 9016 (any RAL – based colours may be provided on customer's request)

The **STANDESSE** is an extraordinary high-performance and visually attractive comfortable air curtain for use in representative premises, such as **banks, luxury shops, shopping centres, airports and administrative buildings** with a recommended installation height up to 5 m*.

The air curtain shall be installed indoor in a dry area with ambient temperatures ranging from 0 °C up to +35 °C and relative humidity of up to 80 %. It is designed for conveying air free of rough dust, grease, chemical fumes, and other impurities. IP rating of the air curtain is IP 20. **The air curtain project shall always be developed by the HVAC designer.**

**Maximum recommended installation height - may vary according the particular conditions of the installation site.*



PRIMARY PARAMETERS

Air curtains with electric heater are fitted with automatic heat thermostat and emergency thermostat with manual reset. Air curtains with LPHW coil are designed for the maximum operating water temperature of +100 °C and maximum operating pressure of 1.6 MPa.

Type	Recommended installation height [m]	Air output [m ³ /h] ^{*1}			Acoustic pressure at 3m[dB(A)] ^{*2}			Sound power [dB(A)] ^{*3}
		Speed 3	Speed 2	Speed 1	Speed 3	Speed 2	Speed 1	
VCS4B-10S-	4,0	1626	1182	813	56	48	40	74
VCS4B-15S-		2513	1774	1256	59	51	43	76
VCS4B-20S-		3362	2328	1626	60	52	44	77
VCS4B-25S-		4065	2956	2106	61	53	45	78
VCS4B-10E-		1589	1145	813	56	48	40	74
VCS4B-15E-		2476	1700	1219	59	51	43	76
VCS4B-20E-		3362	2291	1589	60	52	44	77
VCS4B-25E-		3991	2919	2069	61	53	45	78
VCS4B-10V-		1552	1109	776	56	48	40	73
VCS4B-15V-		2439	1663	1182	58	49	42	75
VCS4B-20V-		3252	2180	1552	59	51	43	77
VCS4B-25V-		3880	2734	1884	61	53	45	78
VCS4C-10S-	5,0	2303	1656	1172	60	52	44	77
VCS4C-15S-		3353	2424	1737	60	52	44	78
VCS4C-20S-		4161	2990	2101	60	53	45	78
VCS4C-25S-		5090	3636	2666	61	53	46	79
VCS4C-10E-		2262	1616	1131	60	52	44	77
VCS4C-15E-		3272	2384	1697	60	52	44	78
VCS4C-20E-		4080	2949	2060	60	53	45	78
VCS4C-25E-		4888	3555	2586	61	53	46	79
VCS4C-10V-		2222	1576	1115	59	51	43	77
VCS4C-15V-		3151	2182	1616	60	52	44	77
VCS4C-20V-		3878	2788	1939	60	53	45	78
VCS4C-25V-		4808	3434	2424	61	53	46	78
VCS4C-15W		2838	1983	1469	60	52	44	77
VCS4C-20W		3493	2534	1763	60	53	45	78
VCS4C-25W		4331	3121	2203	61	53	46	78

^{*1} Airflow volume according ISO27327-1

^{*2} Acoustic pressure values at 3 m distance for maximum speed. Directional factor: Q=2.

^{*3} Sound power (LWA) measurements according to ISO 27327-2.

Type	Heater power output [kW]		Total power input [kW]	Total voltage/ current [V/A]	Motor voltage/ current [V/A]	Temperature increase Δt [°C]	Frequency [Hz]	Weight [kg] ^{*4}
	1st level	2st level						
VCS4B-10S-	-	-	0,65	230/2,85	230/2,85	-	50	42
VCS4B-15S-	-	-	1	230/4,4	230/4,4	-	50	59
VCS4B-20S-	-	-	1,3	230/5,7	230/5,7	-	50	76
VCS4B-25S-	-	-	1,6	230/7,0	230/7,0	-	50	93
VCS4B-10E-	4,6	9,4	10,3	400/16,6	230/2,85	17,8*	50	46
VCS4B-15E-	7,6	15	16	400/26,1	230/4,4	18,05*	50	63
VCS4B-20E-	9,8	19	20,3	400/33,2	230/5,7	16,84*	50	81
VCS4B-25E-	12,5	24,5	26,1	400/42	230/7,0	18,3*	50	99
VCS4B-10V-	-	-	0,65	230/2,85	230/2,85	39,5 * ²	50	48
VCS4B-15V-	-	-	1	230/4,4	230/4,4	40,6 * ²	50	65
VCS4B-20V-	-	-	1,3	230/5,7	230/5,7	41,5 * ²	50	83
VCS4B-25V-	-	-	1,6	230/7,0	230/7,0	42 * ²	50	97
VCS4C-10S-	-	-	0,95	230/4,0	230/4,0	-	50	48
VCS4C-15S-	-	-	1,35	230/5,6	230/5,6	-	50	64
VCS4C-20S-	-	-	1,7	230/7,0	230/7,0	-	50	80
VCS4C-25S-	-	-	2	230/8,7	230/8,7	-	50	98
VCS4C-10E-	4,6	9,	10,6	400/17,6	230/4,0	12,5 *	50	53
VCS4C-15E-	7,6	15	17	400/27,5	230/7,0	13,66 *	50	68
VCS4C-20E-	9,8	19	20,8	400/34,2	230/8,7	13,88 *	50	86
VCS4C-25E-	12,5	24,5	26,5	400/44	230/6,9	14,94 *	50	110
VCS4C-10V-	-	-	0,95	230/4,0	230/4,0	35,1 * ²	50	55
VCS4C-15V-	-	-	1,35	230/5,6	230/5,6	37,3 * ²	50	70
VCS4C-20V-	-	-	1,7	230/7,0	230/7,0	39,3 * ²	50	88
VCS4C-25V-	-	-	2	230/8,7	230/8,7	40,8 * ²	50	108
VCS4C-15W	-	-	1,35	230/5,6	230/5,6	13,9 * ³	50	74
VCS4C-20W	-	-	1,7	230/7,0	230/7,0	14,0 * ³	50	92
VCS4C-25W	-	-	2	230/8,7	230/8,7	13,9 * ³	50	112

- * At the maximum air flow and maximum heater power
- *² Intake air temperature +18°C, water temperature gradient of 90/70 °C and highest fan speed.
- *³ Intake air temperature +18°C, water temperature gradient of 40/30 °C and highest fan speed.
- *⁴ Weight without controls.

LPHW coil parameters for water temperature gradient 90/70 °C

Type	Air output	Heat output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
VCS4B-10V-	1552	21,6	59,2	6,7	0,27
VCS4B-15V-	2439	32,9	57,9	4,9	0,41
VCS4B-20V-	3252	45,5	59,5	10,0	0,56
VCS4B-25V-	3880	55,5	60,3	15,4	0,68
VCS4C-10V-	2222	26,9	53,9	10,1	0,33
VCS4C-15V-	3151	38,5	54,2	6,6	0,47
VCS4C-20V-	3878	50,9	56,9	12,3	0,63
VCS4C-25V-	4808	63,6	57,2	19,9	0,78

* Temperature of intake air: +18 °C

LPHW coil parameters for water temperature gradient 80/60 °C

Type	Air output	Heat output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
VCS4B-10V-	1552	17,7	51,7	4,7	0,22
VCS4B-15V-	2439	26,7	50,5	3,3	0,33
VCS4B-20V-	3252	37,4	52,0	6,9	0,46
VCS4B-25V-	3880	45,7	52,9	10,8	0,56
VCS4C-10V-	2222	22,0	47,3	7,0	0,27
VCS4C-15V-	3151	31,2	47,4	4,5	0,38
VCS4C-20V-	3878	41,7	49,8	8,5	0,51
VCS4C-25V-	4808	52,3	50,2	13,9	0,64

* Temperature of intake air: +18 °C

LPHW coil parameters for water temperature gradient 70/50 °C

Type	Air output	Heat output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
VCS4B-10V-	1552	13,7	44,2	3,0	0,17
VCS4B-15V-	2439	20,5	42,9	2,0	0,50
VCS4B-20V-	3252	29,1	44,5	4,4	0,36
VCS4B-25V-	3880	35,9	45,4	6,9	0,44
VCS4C-10V-	2222	17,0	40,6	4,4	0,21
VCS4C-15V-	3151	23,9	40,4	2,7	0,33
VCS4C-20V-	3878	32,4	42,7	5,3	0,39
VCS4C-25V-	4808	40,9	43,2	8,9	0,50

* Temperature of intake air: +18 °C

LPHW coil parameters for water temperature gradient 60/40 °C

Type	Air output	Heat output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
VCS4B-10V-	1552	9,7	36,6	1,6	0,12
VCS4B-15V-	2439	14,1	35,1	1,0	0,17
VCS4B-20V-	3252	20,7	36,9	2,3	0,25
VCS4B-25V-	3880	25,9	37,7	3,8	0,31
VCS4C-10V-	2222	12,0	33,9	2,3	0,14
VCS4C-15V-	3151	16,4	33,4	1,4	0,20
VCS4C-20V-	3878	23,0	35,5	2,8	0,28
VCS4C-25V-	4808	29,3	36,1	4,8	0,36

* Temperature of intake air: +18 °C

LPHW coil parameters for water temperature gradient 50/30 °C

Type	Air output	Heat output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
VCS4C-15W	2838	15,5	34,0	5,9	0,19
VCS4C-20W	3493	19,4	34,4	5,0	0,23
VCS4C-25W	4331	24,8	34,8	8,8	0,30

* Temperature of intake air: +18 °C

LPHW coil parameters for water temperature gradient 40/30 °C

Type	Air output	Heat output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
VCS4C-15W	2838	12,8	31,3	14,7	0,31
VCS4C-20W	3493	16,1	31,6	12,5	0,39
VCS4C-25W	4331	20,2	31,7	21,4	0,49

* Temperature of intake air: +18 °C

LPHW coil parameters for water temperature gradient 35/25 °C

Type	Air output	Heat output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
VCS4C-15W	2838	8,4	26,7	7,2	0,20
VCS4C-20W	3493	10,5	26,9	6,0	0,25
VCS4C-25W	4331	13,5	27,2	10,6	0,32

* Temperature of intake air: +18 °C

Recommended mixing points for LPHW coil 3-way valve

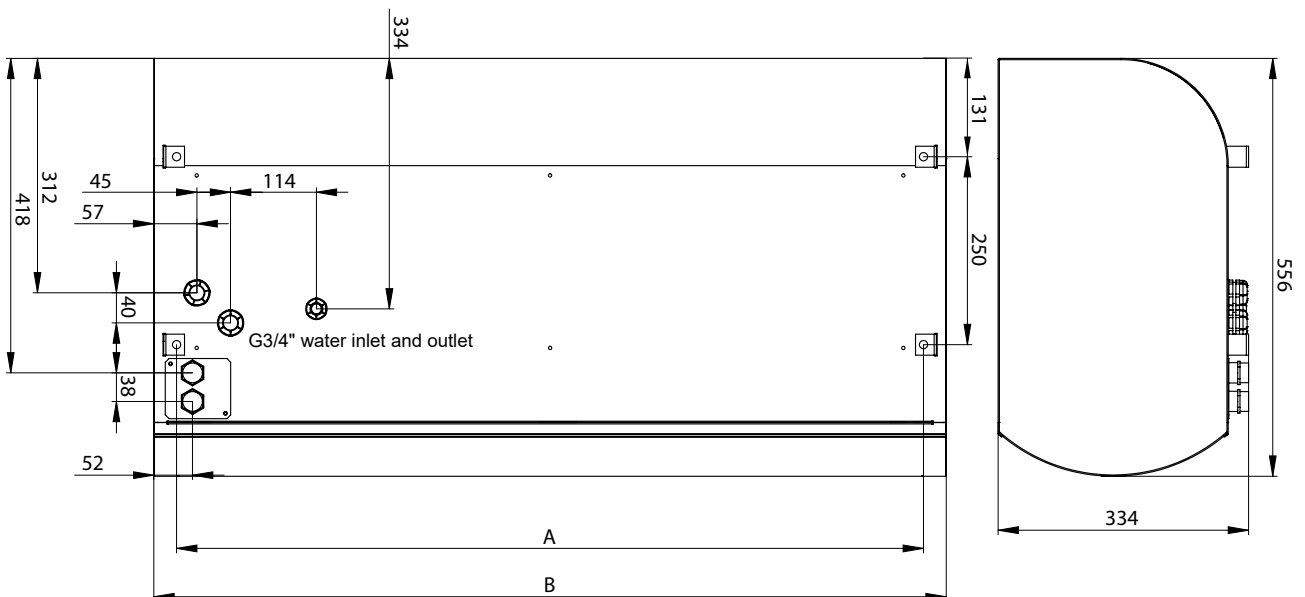
Type	Control module	90/70 °C	80/60 °C	70/50 °C	60/40 °C
		3-way valve			
VCS4B-100-V	VCS-R2-BA	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20
		RT-3-07	RT-3-07	RT-3-07	RT-3-07
	VCS-R4-CO	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20
		RT-3-07	RT-3-07	RT-3-07	RT-3-07
	VCS-R4-SU	ZV3-024-04,0-20	ZV3-024-04,0-20	ZV3-024-04,0-20	ZV3-024-04,0-20
	VCS4B-150-V	VCS-R2-BA	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20
RT-3-07			RT-3-07	RT-3-07	RT-3-07
VCS-R4-CO		ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20
		RT-3-07	RT-3-07	RT-3-07	RT-3-07
VCS-R4-SU		ZV3-024-04,0-20	ZV3-024-04,0-20	ZV3-024-04,0-20	ZV3-024-04,0-20
VCS4B-200-V		VCS-R2-BA	ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-21,0-20
	RT-3-07		RT-3-07	RT-3-07	RT-3-07
	VCS-R4-CO	ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-21,0-20
		RT-3-07	RT-3-07	RT-3-07	RT-3-07
	VCS-R4-SU	ZV3-024-06,3-20	ZV3-024-06,3-20	ZV3-024-06,3-20	ZV3-024-06,3-20
	VCS4B-250-V	VCS-R2-BA	ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-21,0-20
RT-3-07			RT-3-07	RT-3-07	RT-3-07
VCS-R4-CO		ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-21,0-20
		RT-3-07	RT-3-07	RT-3-07	RT-3-07
VCS-R4-SU		ZV3-024-06,3-20	ZV3-024-06,3-20	ZV3-024-06,3-20	ZV3-024-06,3-20
VCS4C-100-V		VCS-R2-BA	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20
	RT-3-07		RT-3-07	RT-3-07	RT-3-07
	VCS-R4-CO	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20
		RT-3-07	RT-3-07	RT-3-07	RT-3-07
	VCS-R4-SU	ZV3-024-04,0-20	ZV3-024-04,0-20	ZV3-024-04,0-20	ZV3-024-04,0-20
	VCS4C-150-V	VCS-R2-BA	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20
RT-3-07			RT-3-07	RT-3-07	RT-3-07
VCS-R4-CO		ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20
		RT-3-07	RT-3-07	RT-3-07	RT-3-07
VCS-R4-SU		ZV3-024-04,0-20	ZV3-024-04,0-20	ZV3-024-04,0-20	ZV3-024-04,0-20
VCS4C-200-V		VCS-R2-BA	ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-21,0-20
	RT-3-07		RT-3-07	RT-3-07	RT-3-07
	VCS-R4-CO	ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-21,0-20
		RT-3-07	RT-3-07	RT-3-07	RT-3-07
	VCS-R4-SU	ZV3-024-06,3-20	ZV3-024-06,3-20	ZV3-024-06,3-20	ZV3-024-06,3-20
	VCS4C-250-V	VCS-R2-BA	ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-21,0-20
RT-3-07			RT-3-07	RT-3-07	RT-3-07
VCS-R4-CO		ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-21,0-20
		RT-3-07	RT-3-07	RT-3-07	RT-3-07
VCS-R4-SU		ZV3-024-06,3-20	ZV3-024-06,3-20	ZV3-024-06,3-20	ZV3-024-06,3-20

Recommended mixing points for LPHW coil 2-way valve

Type	Control module	90/70 °C	80/60 °C	70/50 °C	60/40 °C
		2-way valve			
VCS4B-100-V	VCS-R2-BA	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-CO	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-SU	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20
VCS4B-150-V	VCS-R2-BA	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-CO	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-SU	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20
VCS4B-200-V	VCS-R2-BA	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-CO	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-SU	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20
VCS4B-250-V	VCS-R2-BA	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-CO	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-SU	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20
VCS4C-100-V	VCS-R2-BA	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-CO	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-SU	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20
VCS4C-150-V	VCS-R2-BA	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-CO	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-SU	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20
VCS4C-200-V	VCS-R2-BA	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-CO	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-SU	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20
VCS4C-250-V	VCS-R2-BA	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-CO	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
	VCS-R4-SU	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20



DIMENSIONS

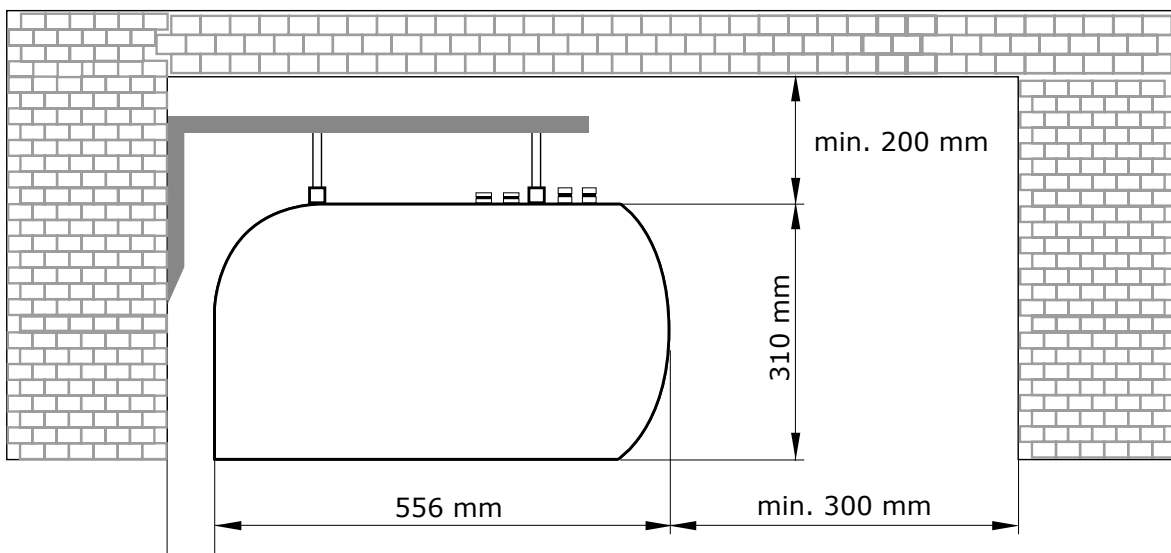


Type	Spacing of installation holes A [mm]	Width B [mm]
VCS4x-10x-x..	994	1054
VCS4x-15x-x..	1494	1554
VCS4x-20x-x..	1994	2054
VCS4x-25x-x..	2394	2454



INSTALLATION AND ASSEMBLY

- The air curtain shall be installed in a horizontal position only.
- The air curtain shall be located as close to the top edge of the doorway as possible, see figure.
- To ensure a correct function it is recommended that the air curtain overlaps the doorway by 100 mm on both sides.
- Correct operation of the air curtain requires that specified distances from the surrounding objects are observed, see figure.
- Position of the heating water and power supply connections shall be taken into consideration during installation.
- Suspension holders are used for installing the air curtains see ACCESSORIES.



CONTROL

The **STANDESSE** air curtains are produced with universal interface for control module connection. There are three types of control modules available (BASIC, COMFORT and SUPERIOR). Control module is a required accessory for each air curtain.

Additional change of control system is available. Control module is connected with air curtain by quick connection sockets. The basic differences among individual control module types are given in table underneath.



CONTROL

Overview of functions and sensor connections



AirGENIO control		BASIC VCS-R2-BA	COMFORT VCS-R4-CO	SUPERIOR VCS-R4-SU
	Type of controller	Manual	Touch screen	Touch screen
	Mode	Manual	Manual / Auto	Manual / Auto
	Control of air output	3 speeds	3 speeds	3 speeds (AC)
	Control of electric heater	OFF / Level1 / Level2	OFF / Level1 / Level2	YES (PWM)
	Control of water heater	ON/OFF	ON/OFF	0-10V
	Antifreeze protection of LPHW	NO	YES	YES
	Possibility of connecting a door contact	YES (230V)	YES (12V)	YES (12V)
	External control	NO	YES	YES
	Temperature measurement	NO	YES (NTC)*	YES (NTC)*
	Chaining air curtains	NO	YES – max 10+1 pcs	YES – max 10+1 pcs
	Indication of selected function	NO	YES (Display)	YES (Display)
	Controller connection to air curtain	Power wire	Communication cable (UTP)	Communication cable (UTP)
	Self learning mode	NO	YES	YES
	BMS connection	NO	Modbus RTU	Modbus RTU, Modbus TCP, BACnet
	Error contact	NO	YES	YES
	2 nd control panel ready	NO	YES	YES

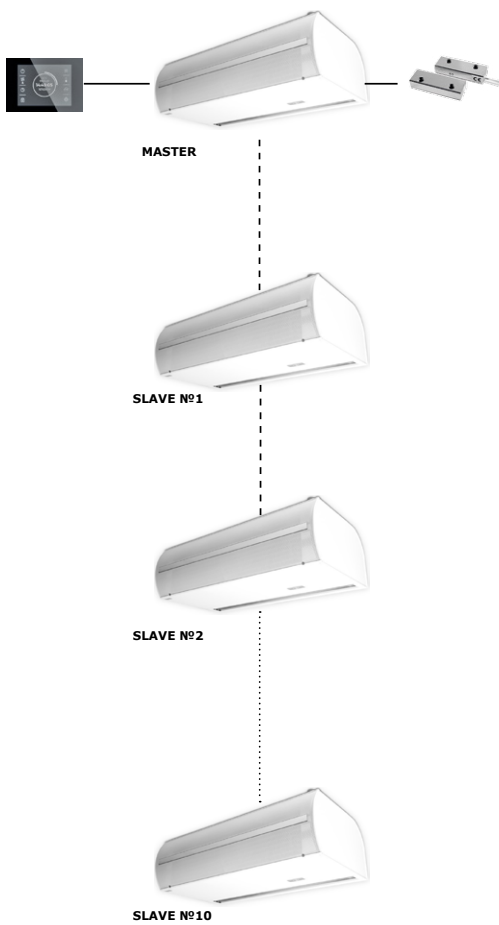
* Temperature sensor included in standard. Temperature shown on display.



CHAINING EXAMPLE

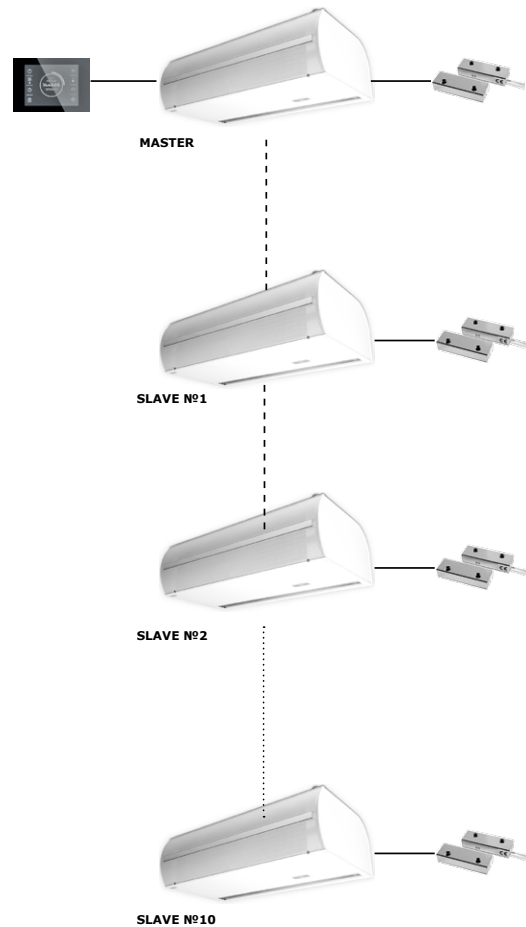
COMFORT / SUPERIOR

Global Door contact function active
(Single door with multiple air curtains)



COMFORT / SUPERIOR

Global Door contact function not active
(Multiple doors with own door contact)





ACCESSORIES

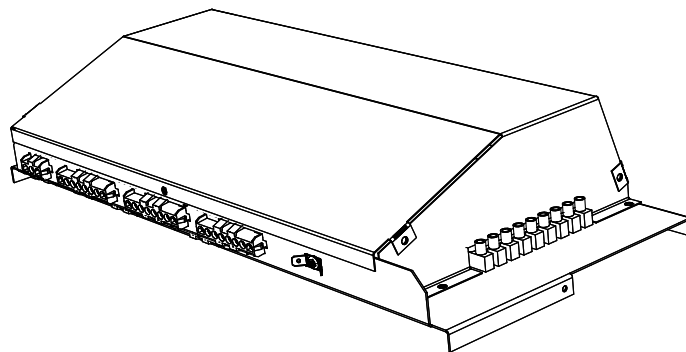
REQUIRED ACCESSORIES

These accessories shall be ordered to make the air curtain functional.

AirGENIO control module

A control module is a required accessory for air curtain and shall be ordered for each air curtain. Control panel is included in delivery of control module. The ordering key for control modules is provided below.

Communication cable has to be ordered separately as an optional accessory.



VCS-R4-SU-E-SL-AC

- AC – AC motor
- SL – SLAVE (only for CO, SU)
- MA – MASTER (only for CO, SU)
- S – without heating regulation
- E – with electric heater regulation
- V – with water heater regulation
- BA – Basic control (mechanical)
- CO – Comfort control (touch screen)
- SU – Superior control (touch screen)
- R2 - control system (BA)
- R4 - control system (CO, SU)
- VCS – air curtain Standesse

OPTIONAL ACCESSORIES

More details can be found on the relevant page in this catalogue

Thermostatic valve TV-1-1/1
TV-1-1/1



2-way or 3-way valve with servo drive (230V)
ZV2-230-xx,x-xx
ZV3-230-xx,x-xx
(for control BASIC and COMFORT)



3-way valve with servo drive RT
RT-3-07 (K_{vs} 07)
(for control BASIC and COMFORT)



2way or 3-way valve with servo drive (0-10V)
ZV2-024-xx,x-xx
ZV3-024-xx,x-xx
(for control SUPERIOR)



Mixing node
SMU2-230-xx (for control BASIC and COMFORT)
SMU2-024-xx (for control SUPERIOR)



Room thermostat
TER-P



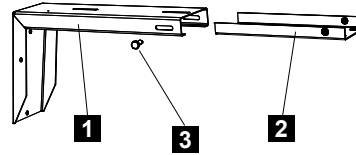
Room temperature sensor
CT-ROOM



Wall mounting bracket

Bracket designed for mounting the air curtain to the wall.

- 1 Bracket
- 2 Hanging strip
- 3 Securing screw



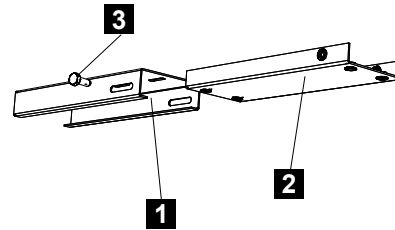
VCS4-KONZ-STE

- for B and C air curtains (2 pcs. in package)
- wall mounting bracket

Ceiling holder

The holder is designed for attaching the air curtain to a ceiling.

- 1 Ceiling bracket
- 2 Hanging strip
- 3 Securing screw



VCS4-KONZ-STR

- for B and C air curtains (2 pcs. in package)
- ceiling holder

Exit sign for marking of emergency exits.

Suitable for all types of air curtains.

VCS4-EXIT



2nd Control panel

ND-REMOTE-CONTROL (for control CONTROL, SUPERIOR)



Mechanical door switch (230V)
DS



Magnetic door contact (12V) in a metal housing with higher protection against mechanical damage
DK-B-3



	BASIC VCS-R2-BA	COMFORT VCS-R4-CO	SUPERIOR VCS-R4-SU
DS	✓	✓*	✓*
DK-B-3	✗	✓	✓

* Recommended for industry use



WIRING DIAGRAMS

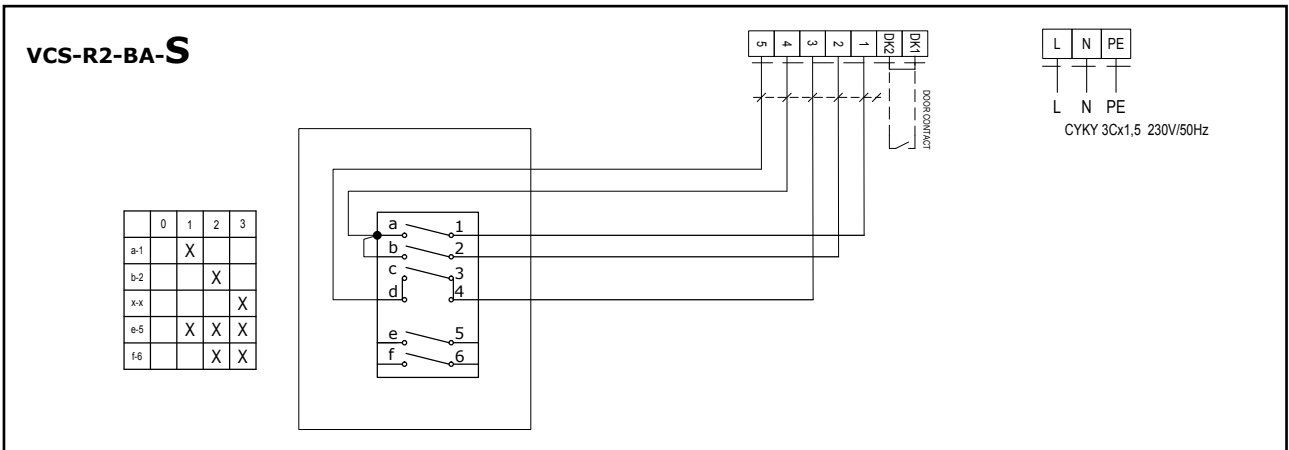
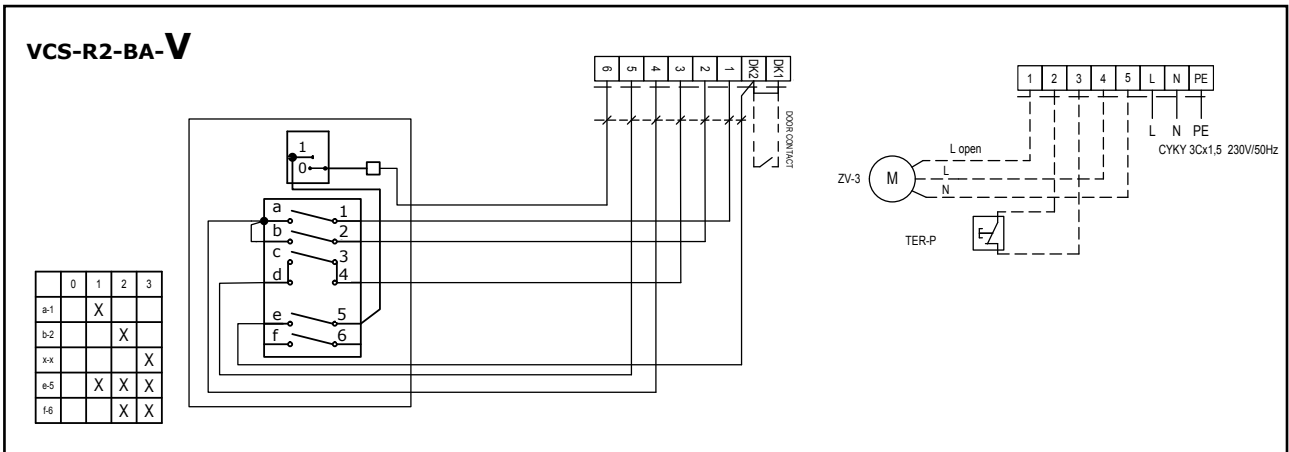
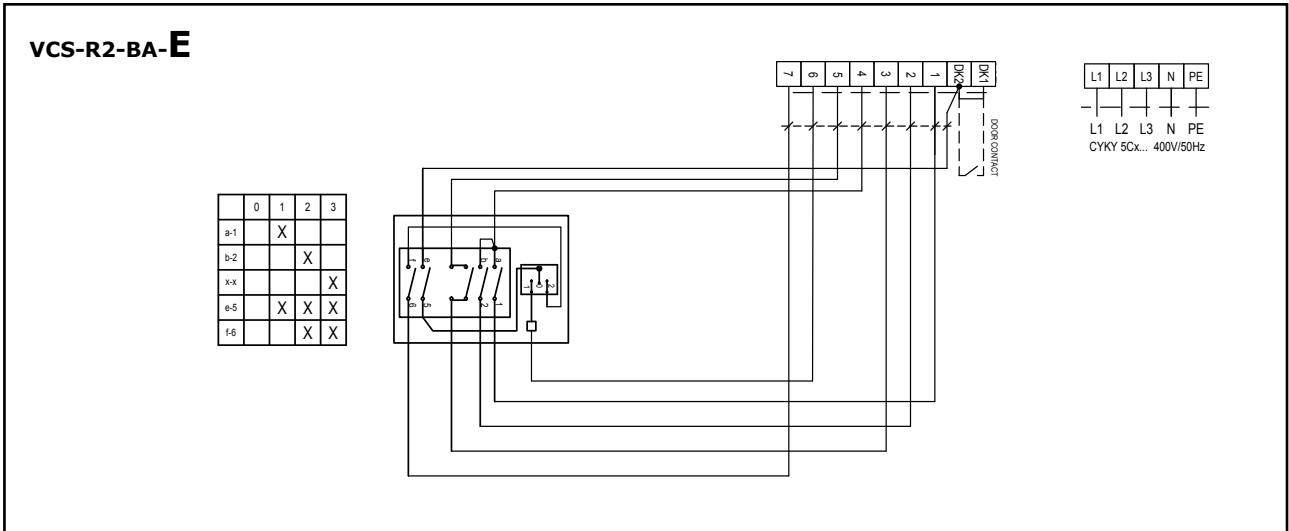
The recommended cross-section of the main power supply cables is stated in the Instruction Manual. All wiring diagrams provided in the technical catalog are indicative only. When assembling the product, carefully observe the nameplate ratings as well as directions and diagrams affixed directly to the product or enclosed with the product.



WIRING DIAGRAMS

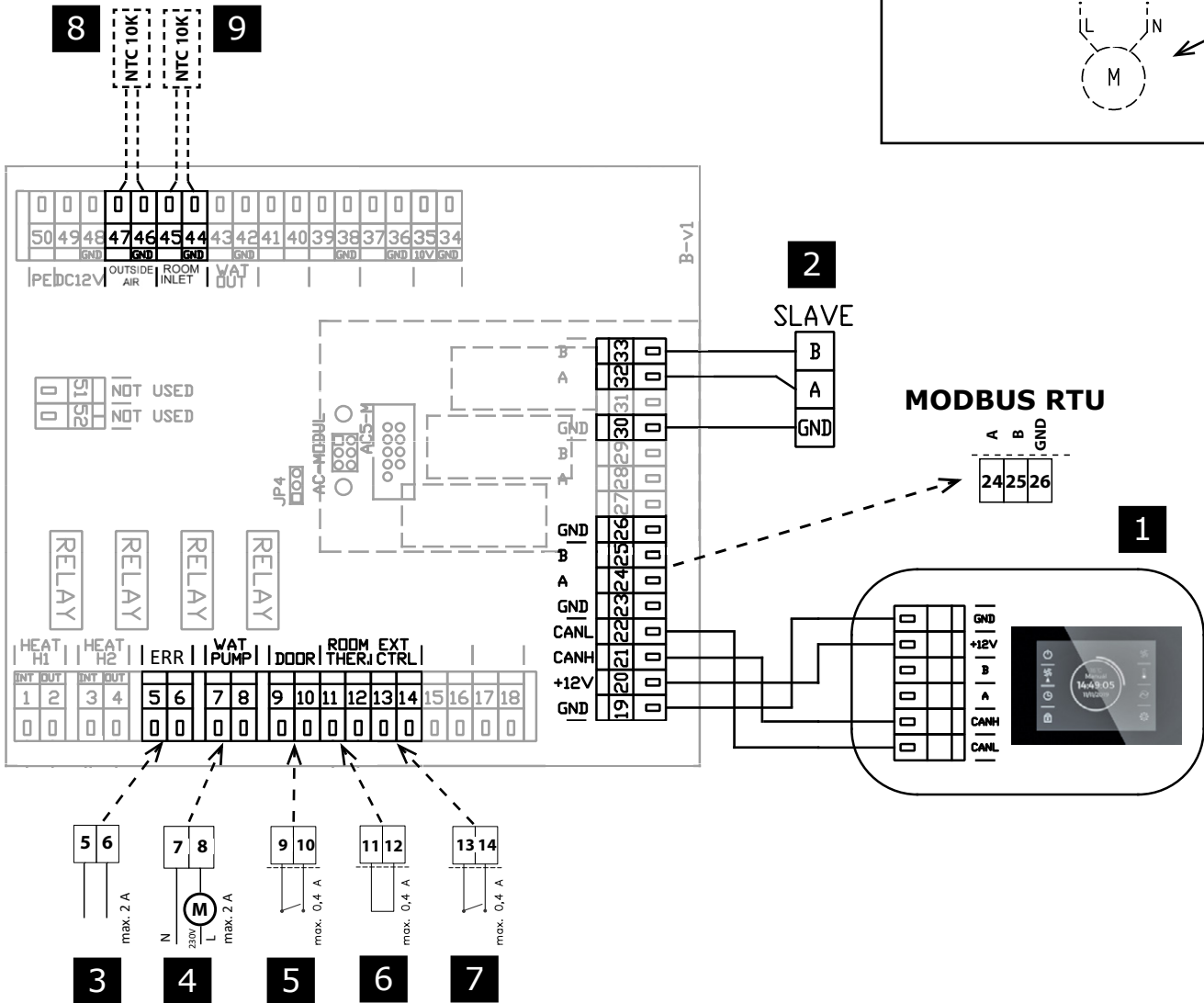
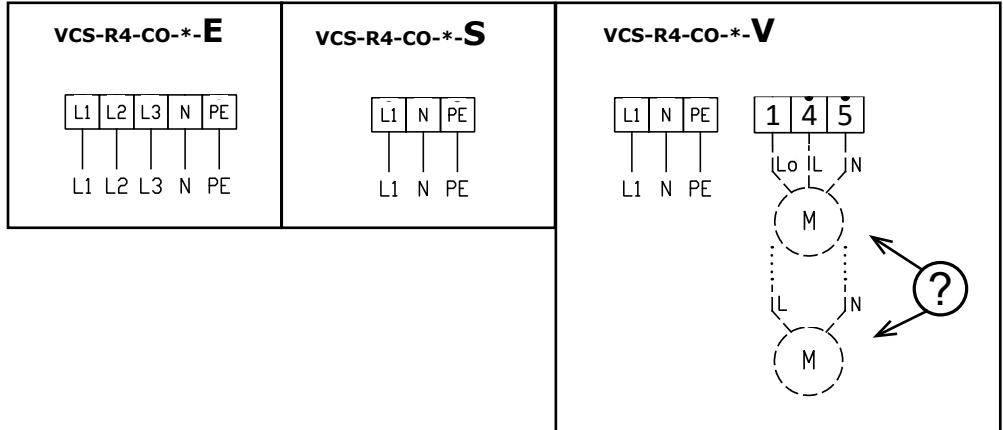


AirGENIO BASIC





WIRING DIAGRAMS

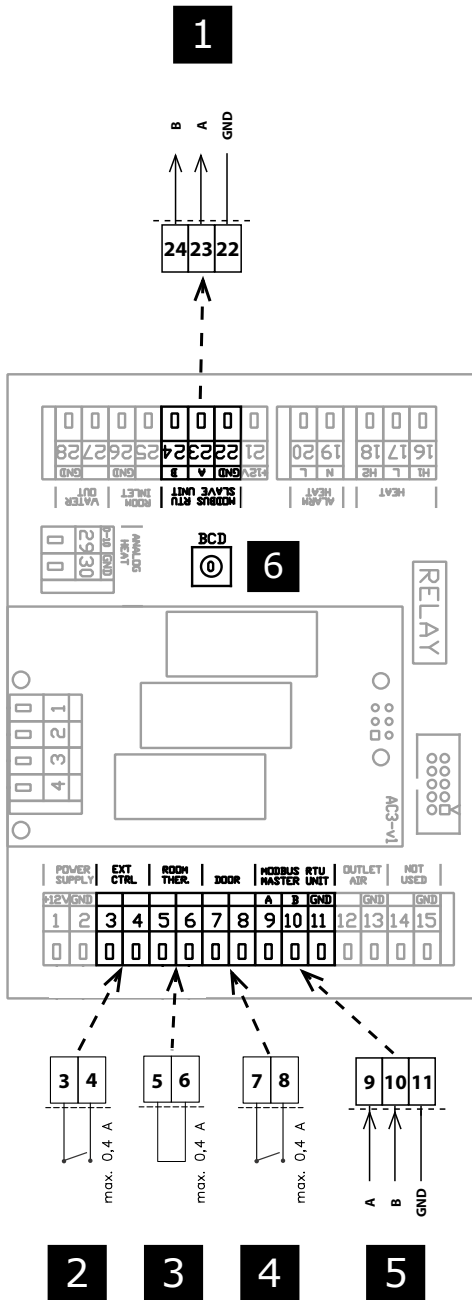
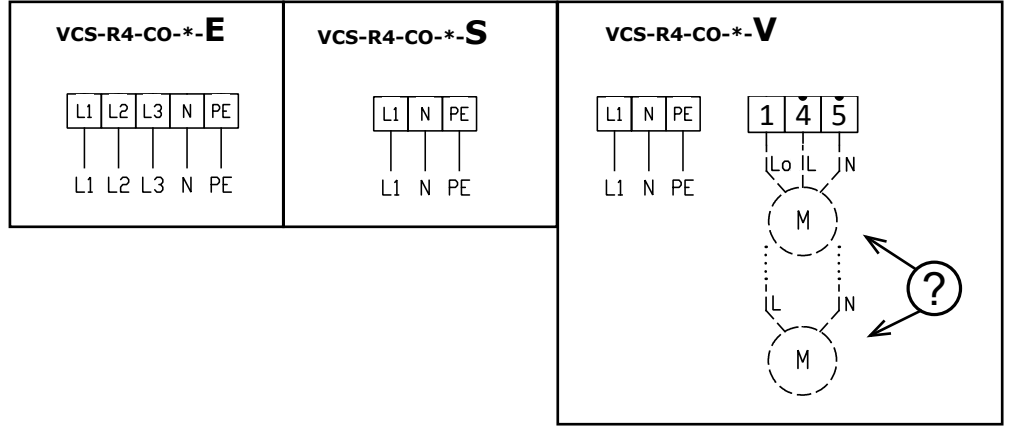


EN	
1	Control panel
2	Signal to SLAVE unit
3	ERROR contact (relay contact, NO/NC)
4	Water pump (relay contact)
5	DOOR contact (input, NO/NC)
6	Room thermostat (input, NO/NC)
7	External control (input, NO/NC)
8	Outside air temp. sensor (include delivery)
9	Room temp. sensor (include delivery)



WIRING DIAGRAMS

AirGENIO COMFORT
SLAVE



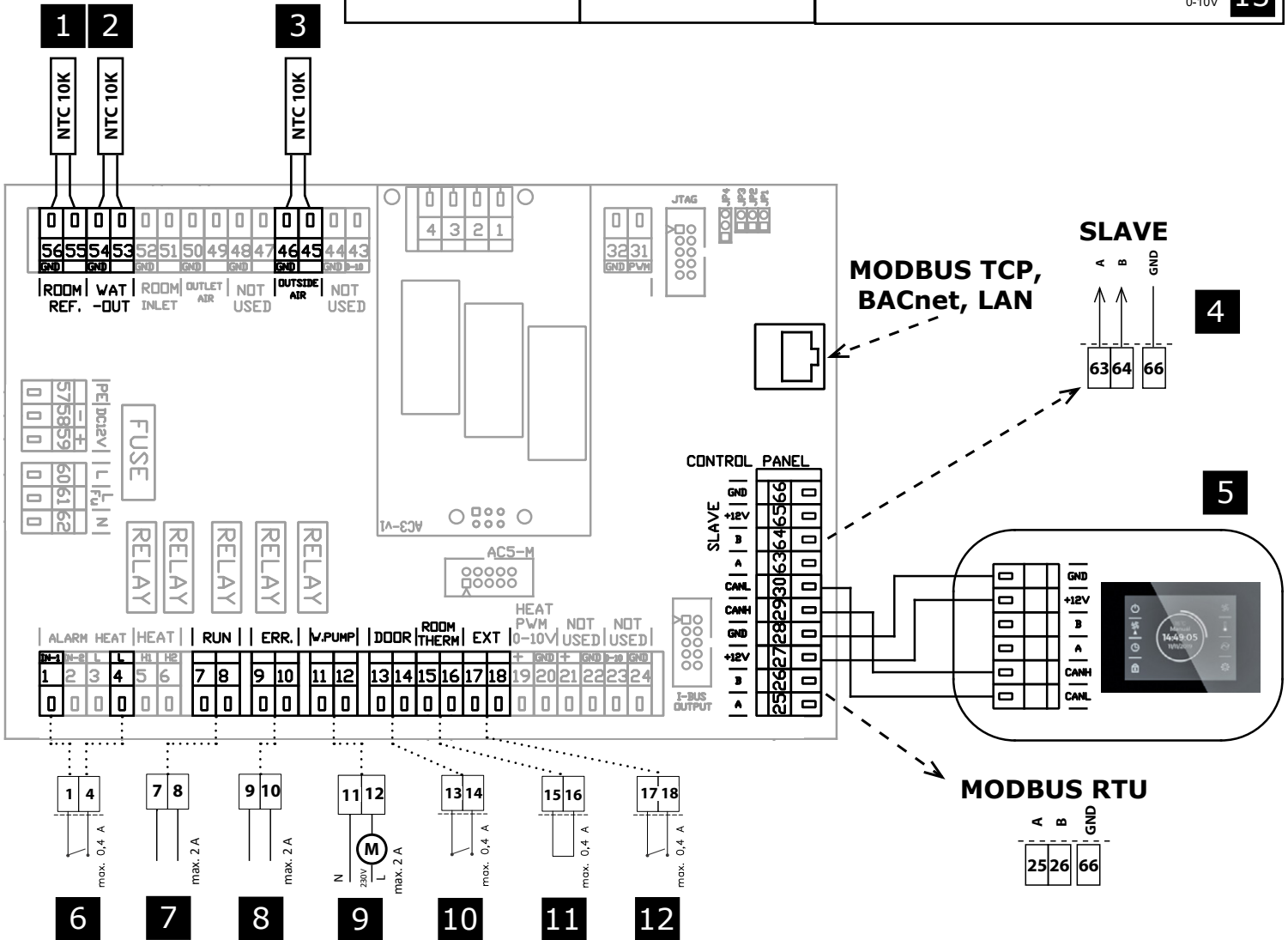
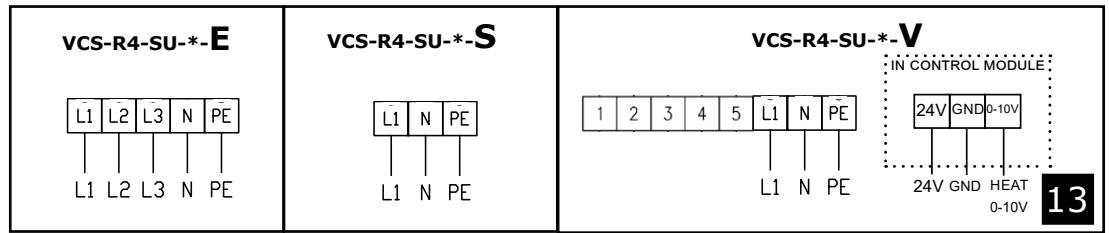
EN	
1	Signal to SLAVE unit
2	External control - ON/OFF
3	Room thermostat (input)
4	DOOR contact (input)
5	Signal from MASTER unit

6	BCD
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	A

WIRING DIAGRAMS



AirGENIO SUPERIOR MASTER

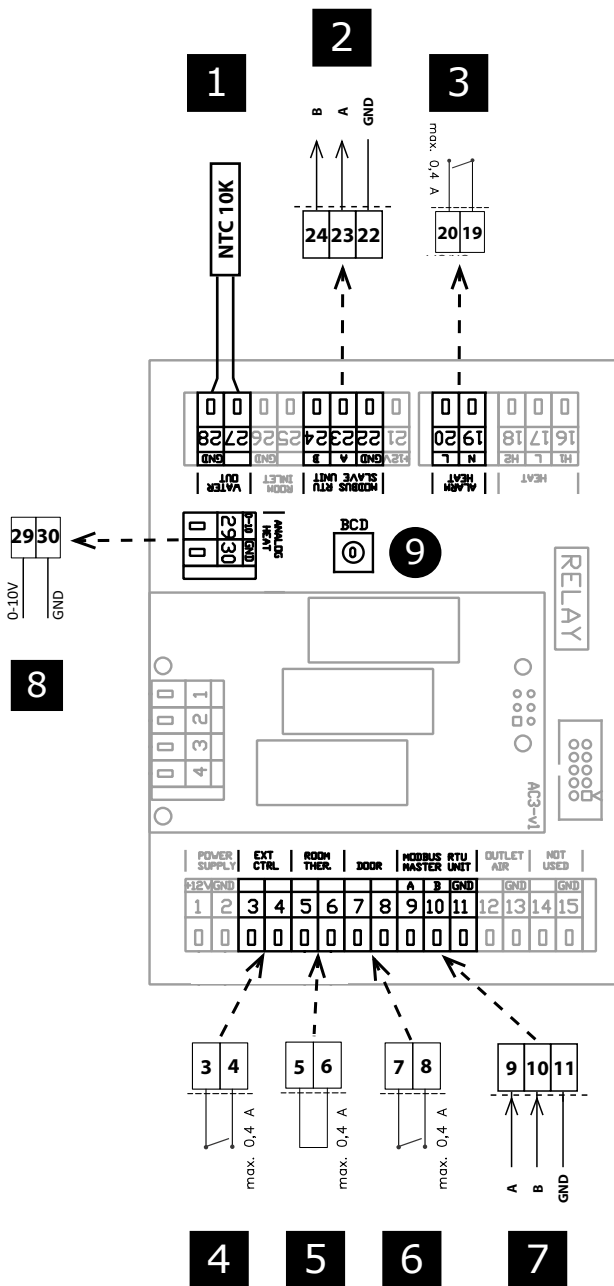
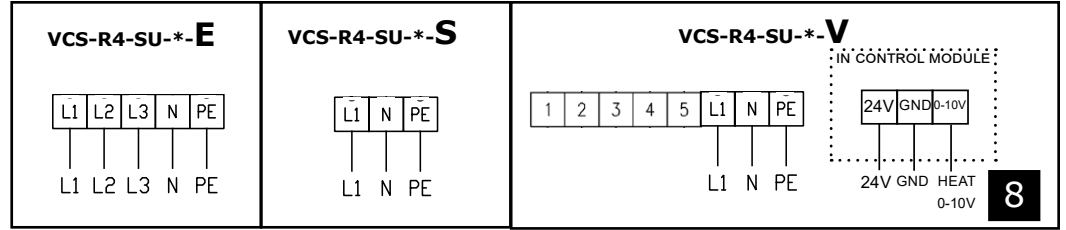


EN	
1	Room sensor (accessories)
2	LPHW out sensor (included in delivery)
3	Outside air sensor (included in delivery)
4	Signal to SLAVE unit
5	Control panel
6	Antifreeze thermostat (NC)
7	RUN contact (relay contact, NO/NC)
8	ERROR contact (relay contact, NO/NC)
9	Water pump (relay contact)
10	DOOR contact (input, NO/NC)
11	Room thermostat (input, NO/NC)
12	External control (input, NO/NC)
13	Water valve control (0-10V)



WIRING DIAGRAMS

AirGENIO SUPERIOR
SLAVE



	EN
1	LPHW out sensor (included in delivery)
2	Signal to SLAVE unit
3	Antifreeze thermostat (NC)
4	External control - ON/OFF
5	Room thermostat (input)
6	DOOR contact (input)
7	Signal from MASTER unit
8	Water valve control (0-10V)

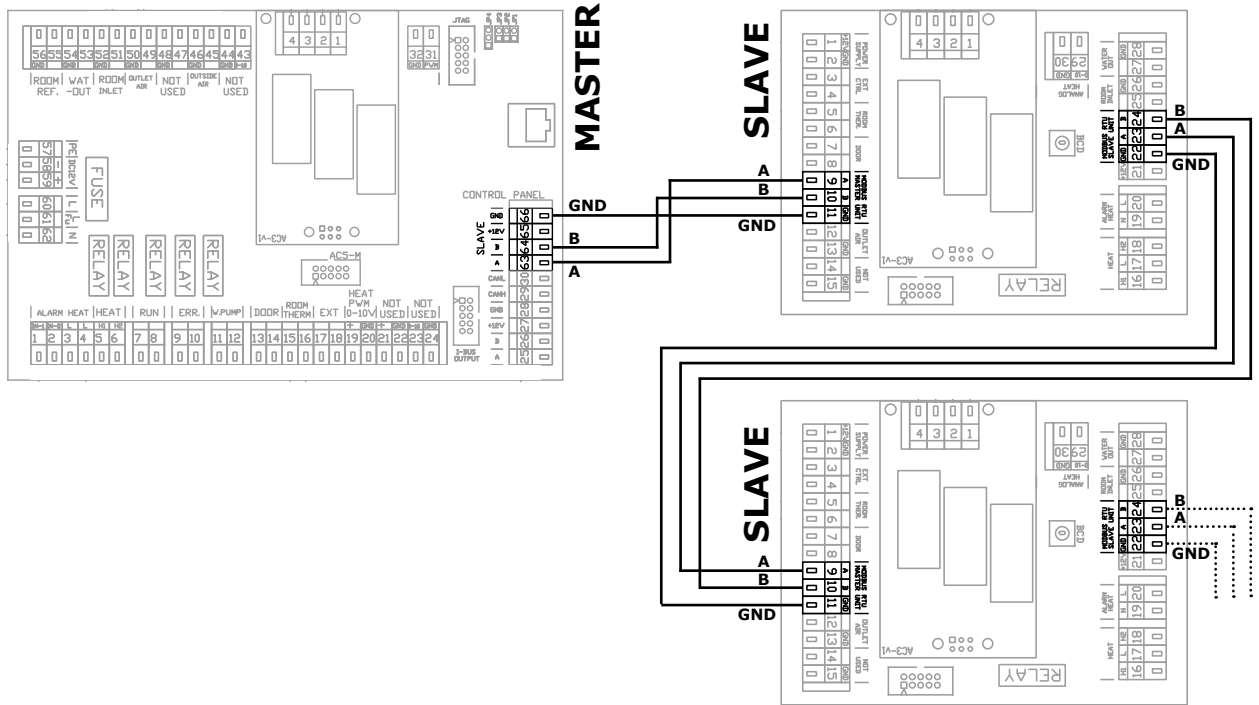
SLAVE	BCD
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	A



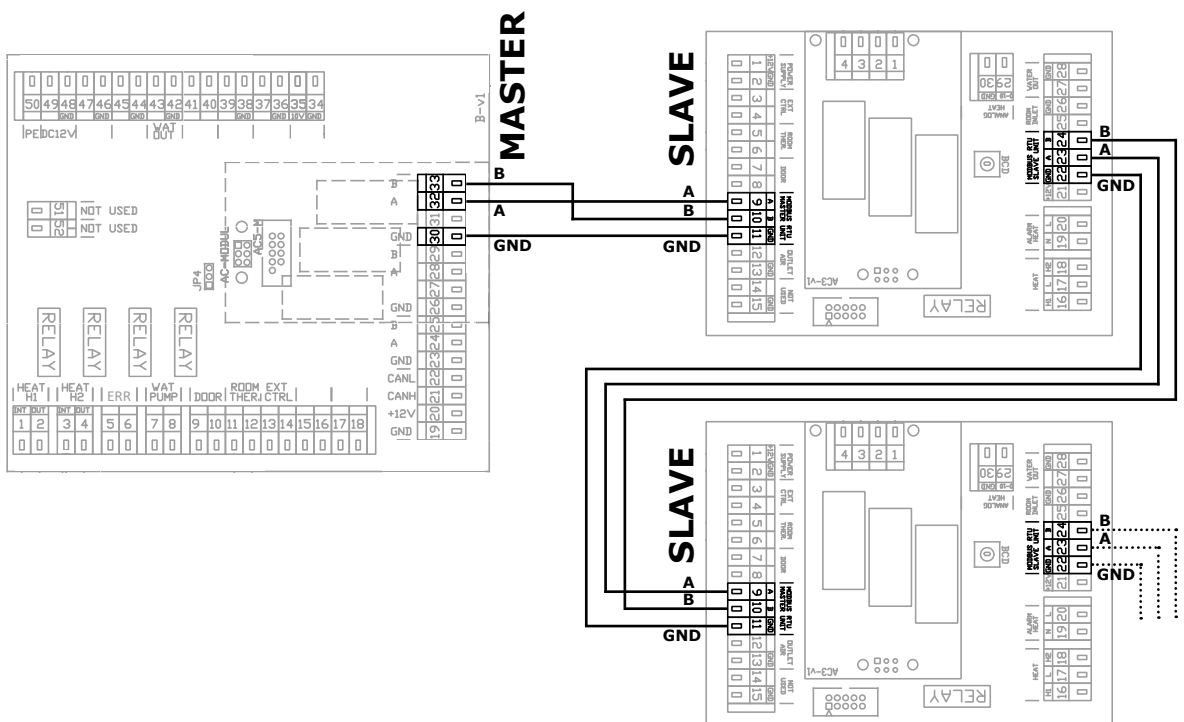
WIRING DIAGRAMS

Chaining

AirGENIO SUPERIOR



AirGENIO COMFORT





KEY TO CODING

